

BIGH3_HUMAN	161	SNVNI	ELIN	NAIR	YH	MVGR	RV	TD	EL	KHGM	190	(SEQ ID: 28)		
BIGH3-PIG	161	SNVNI	ELIN	NAIR	YH	MVDR	RV	TD	EL	KHGM	190	(SEQ ID: 29)		
BIGH3_CHICK	154	SNVNI	ELIN	NAIR	YH	MVNR	RV	TD	DD	KHGT	183	(SEQ ID: 30)		
OSF2_MOUSE	157	NNVNV	ELIN	NAIR	SH	MVNR	RV	TK	DD	KHGM	186	(SEQ ID: 31)		
BIGH3_HUMAN	298	-GDPE	ARDI	IN	NH	IK	KSAM	CAEA	IV	AGLS	326	(SEQ ID: 32)		
BIGH3-PIG	298	-GDPE	ARDI	IN	NH	IK	KSAM	CAEA	IV	AGLS	326	(SEQ ID: 33)		
BIGH3_CHICK	290	-GDPE	ARDI	IN	NH	IK	KSAM	CAEA	IV	AGIT	318	(SEQ ID: 34)		
OSF2_HUMAN	292	-GDKV	ASEA	IM	KYH	INTI	QCSE	IM	GGAV	320	(SEQ ID: 35)			
OSF2_MOUSE	294	-GDKV	ASEA	IM	KYH	INTI	QCSE	IM	TGGAV	322	(SEQ ID: 36)			
BIGH3_HUMAN	560	-GDAKE	ELAN	IK	KYH	IGDE	IV	SGGI	IG	IVR	588	(SEQ ID: 37)		
BIGH3-PIG	560	-GNAKE	ELAN	IK	KYH	VGDE	IV	SGGI	IG	IVR	588	(SEQ ID: 38)		
BIGH3_CHICK	552	-GNAKE	ELAS	IK	KFH	MADE	IV	SGAV	SA	IVR	580	(SEQ ID: 39)		
SLL1735 homolog	59	-QNPP	QIAR	IT	YH	VAA	GH	IT	KDD	II	KIGE	87	(SEQ ID: 40)	
SLL1735	59	-QNIP	QIAR	IT	YH	VVAG	KFTQ	AD	IC	IST	87	(SEQ ID: 41)		
SLL1483	104	PENK	DKIV	AI	IT	YH	VVPG	KITAA	QV-QS	GE	132	(SEQ ID: 42)		
OSF2_HUMAN	554	-RDKN	AIQN	II	YH	ITPG	VFI	GKGF	EP	GV	582	(SEQ ID: 43)		
OSF2_MOUSE	556	-GDKN	AIQN	II	YH	ITPG	VYI	GKGF	EP	GV	584	(SEQ ID: 44)		
MP83 MYCTU	164	-TDAR	LS	SS	IT	YH	VIAG	Q--AS	PSR	DGT	190	(SEQ ID: 45)		
MPT83	145	-TDAR	LS	SS	IT	YH	VIAG	Q--AS	PSR	DGT	171	(SEQ ID: 46)		
Q48948_MYCBO	119	-TNSS	MT	TS	IT	YH	VVAG	Q--T	SPAN	VVG	145	(SEQ ID: 47)		
Q50769_MYCTU	119	-TNSS	MT	TS	IT	YH	VVAG	Q--T	SPAN	VVG	145	(SEQ ID: 48)		
Putative Secreted protein	132	-NDRA	QI	KK	VI	YH	VVEH	KK	IT	KAQ	PHGT	160	(SEQ ID: 49)	
Fasciclin	485	EG-RG	CASN	IK	NH	INDL	TFCS	AT	VP	GAK	513	(SEQ ID: 50)		
HLC-32	284	KDPAG	KERN	IK	KYH	VISD	VKYS	VS	SS	GQR	313	(SEQ ID: 51)		
Fasciclin	775	-SKPA	DP	MP	IV	KTH	IVED	VV	CCAG	IP	TNW	803	(SEQ ID: 52)	
BIGH3_HUMAN	432	RNI	ER	NH	IKDQ	ASKY	YH	GQ	TD	TIGG	KIR	464	(SEQ ID: 53)	
BIGH3_PIG	432	KNL	LI	NH	IKDQ	ASKY	YH	GQ	TD	TIGG	KIR	464	(SEQ ID: 54)	
BIGH3_CHICK	424	KNL	LI	NH	IKDQ	SSKY	YH	GQ	LI	QTIG	DK	IR	456	(SEQ ID: 55)
OSF2_HUMAN	426	-KILI	QNH	II	KVKV	GLNE	YN	GQ	LI	ETIG	GK	IR	458	(SEQ ID: 56)
OSF2_MOUSE	428	-KILI	QNH	II	KVKV	GLND	YN	GQ	LI	ETIG	GK	IR	460	(SEQ ID: 57)



Fig3d

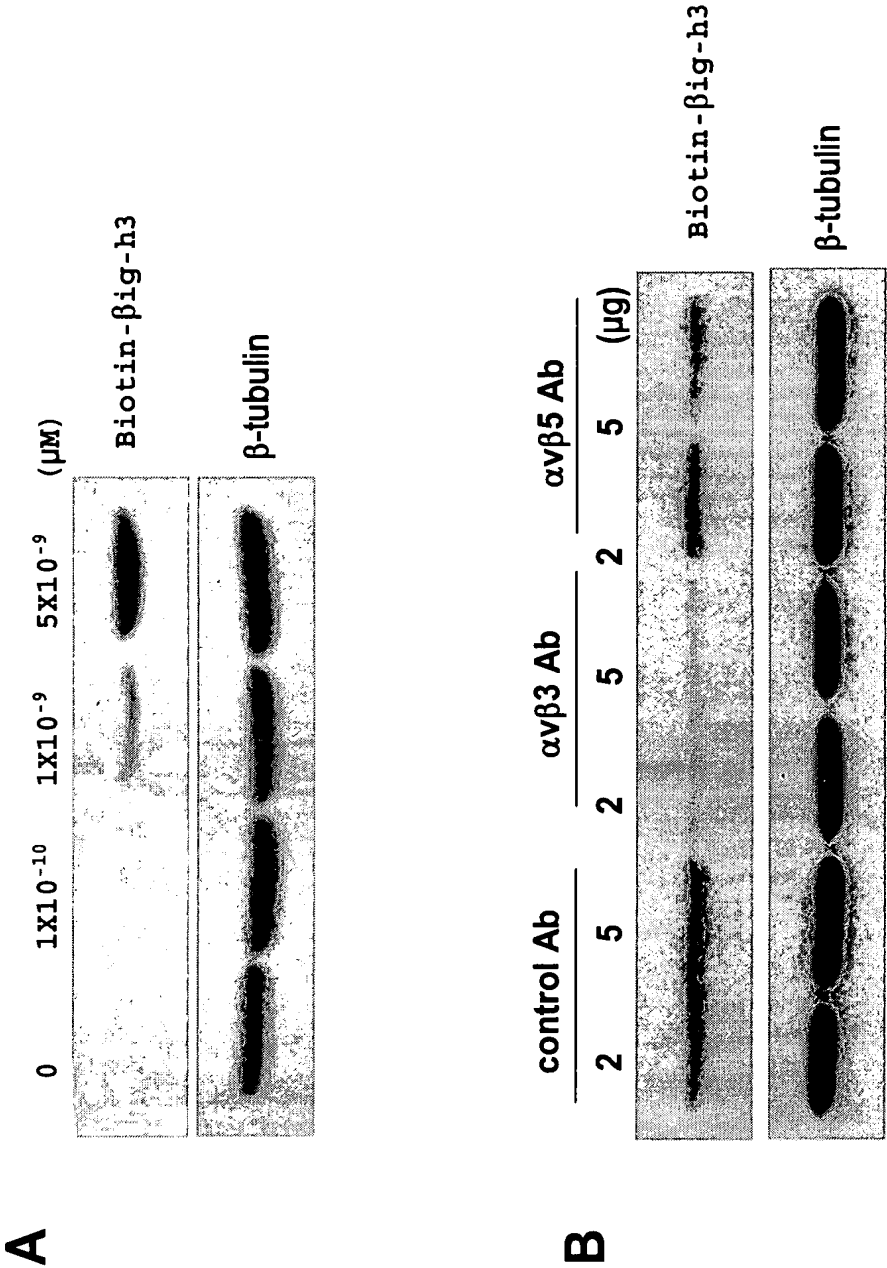


Fig 4b

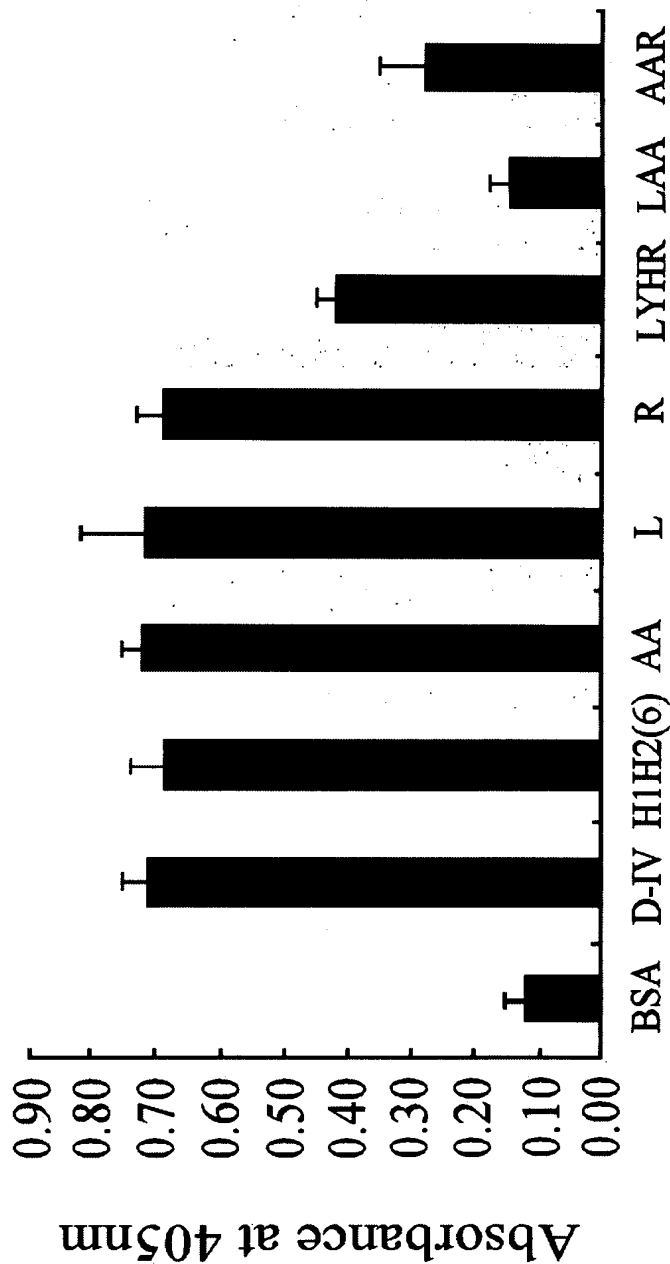
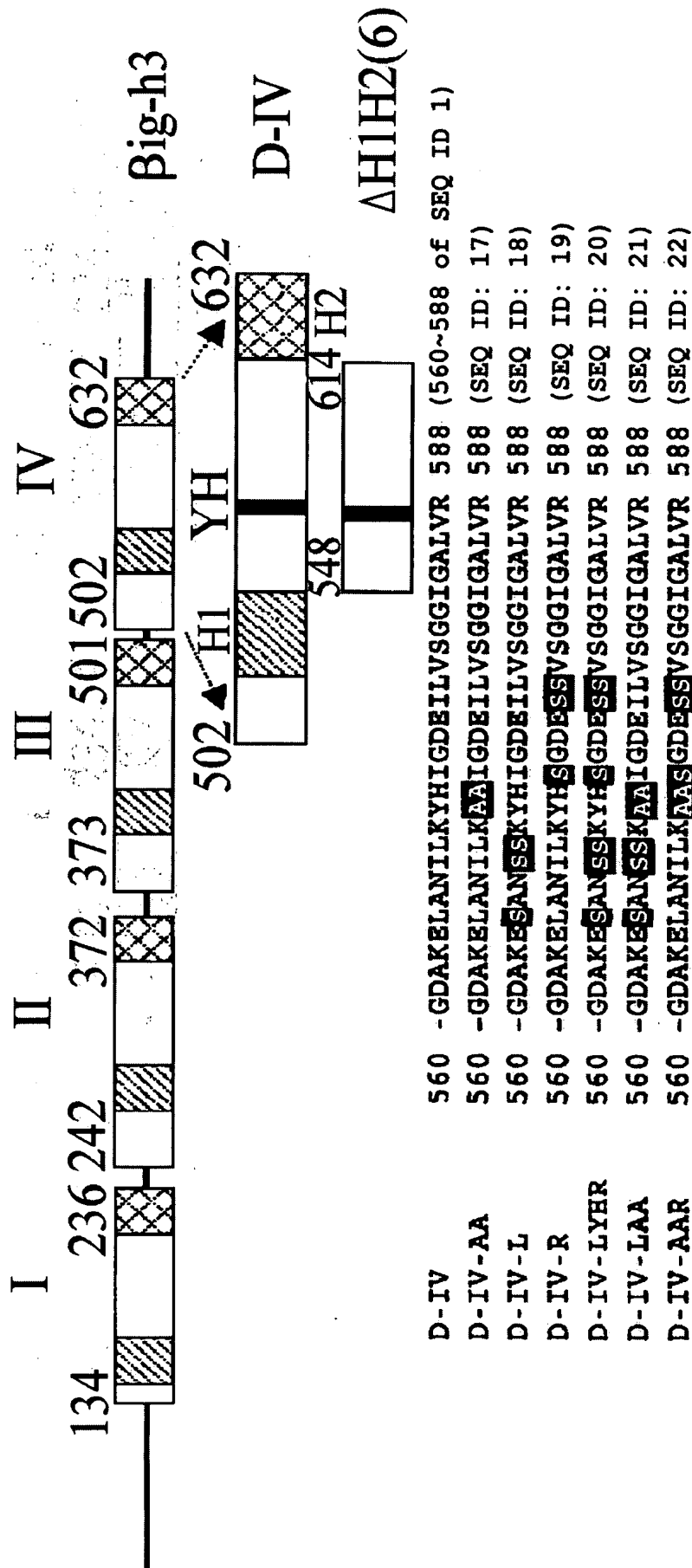


Fig 5

D-I	YH18	165	IELLNALRYHMGRRVLT	182	(SEQ ID: 23)
D-II	YH18	301	EALRDLLNNHILKSAMCA	318	(SEQ ID: 24)
D-III	YH18	442	DQLASKYLYHGGTLETIG	459	(SEQ ID: 25)
D-IV	YH18	563	KELANIILKYHIGDEILVS	580	(SEQ ID: 26)
YH18-con			KELANIHGIKLYDEILVS		(SEQ ID: 27)

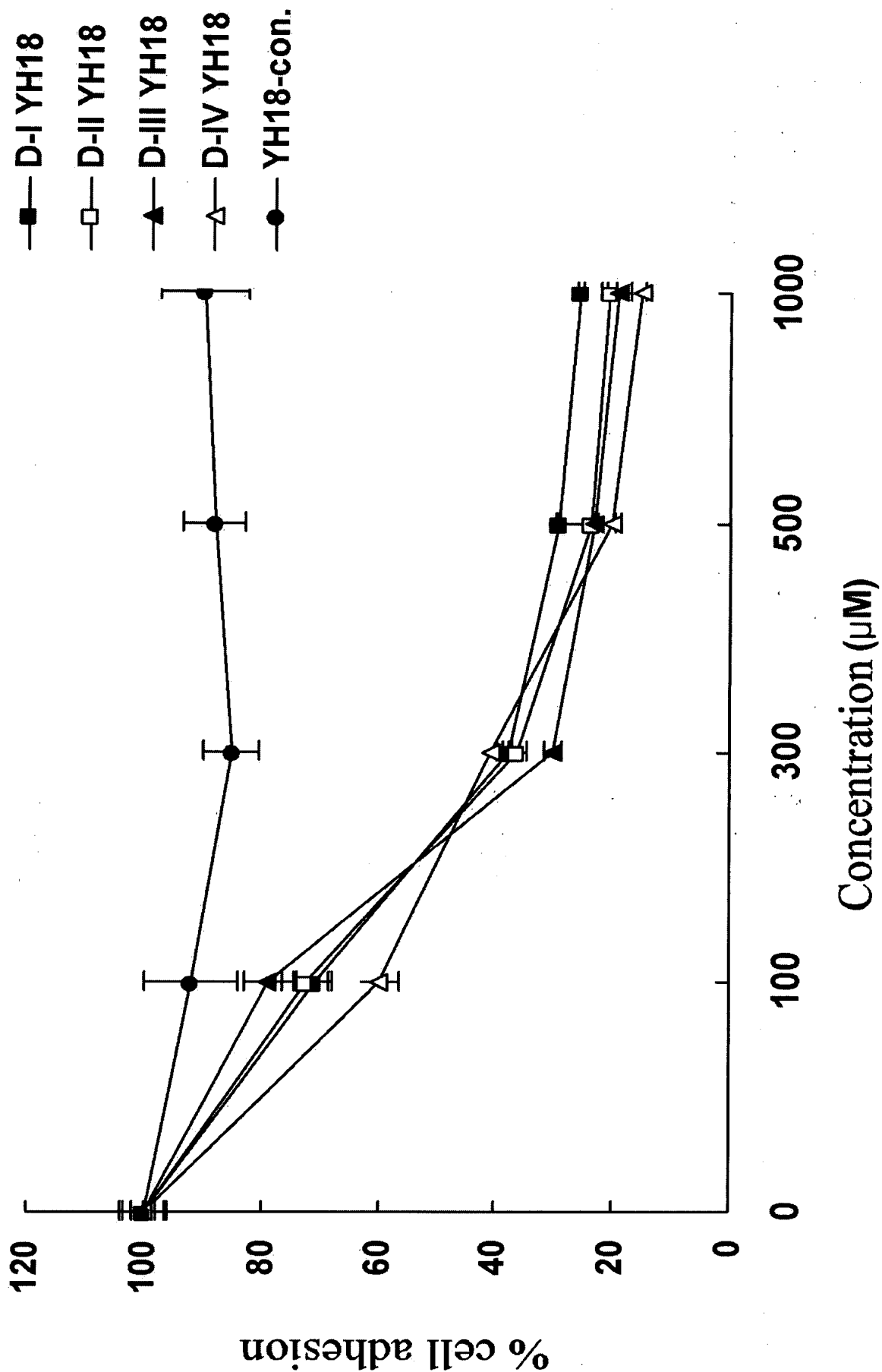
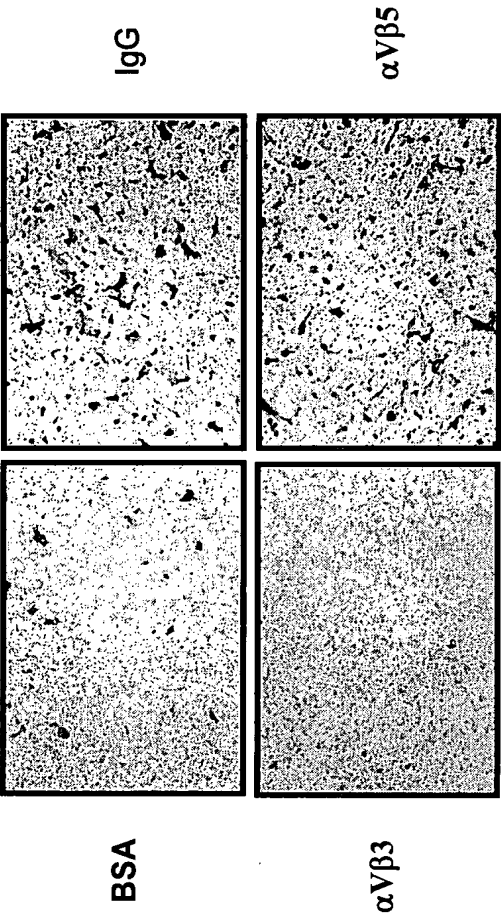


Fig7a
A



B

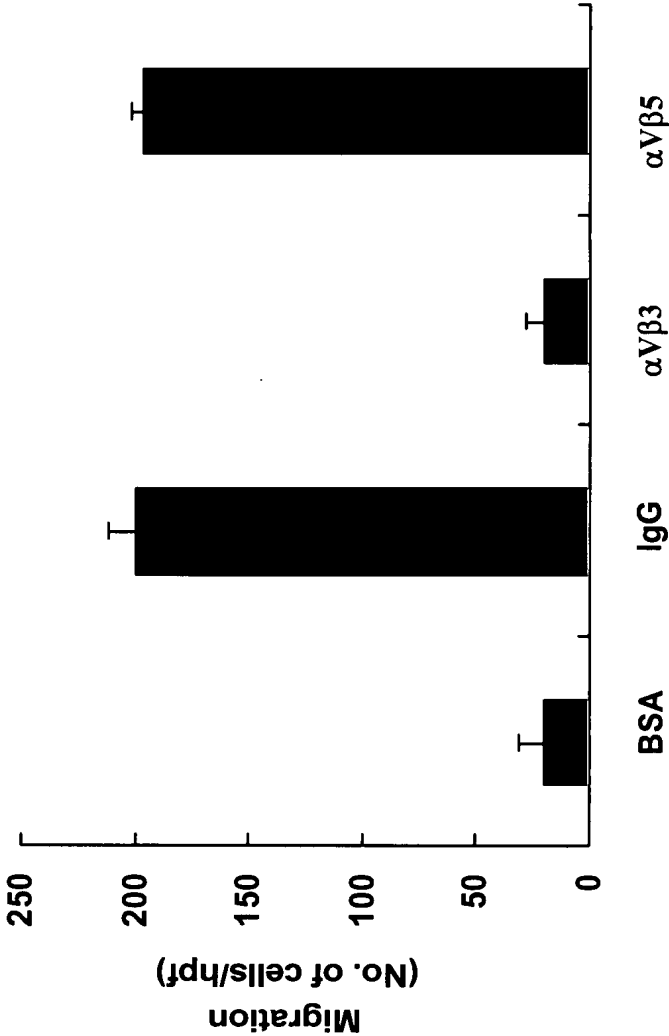


Fig8a

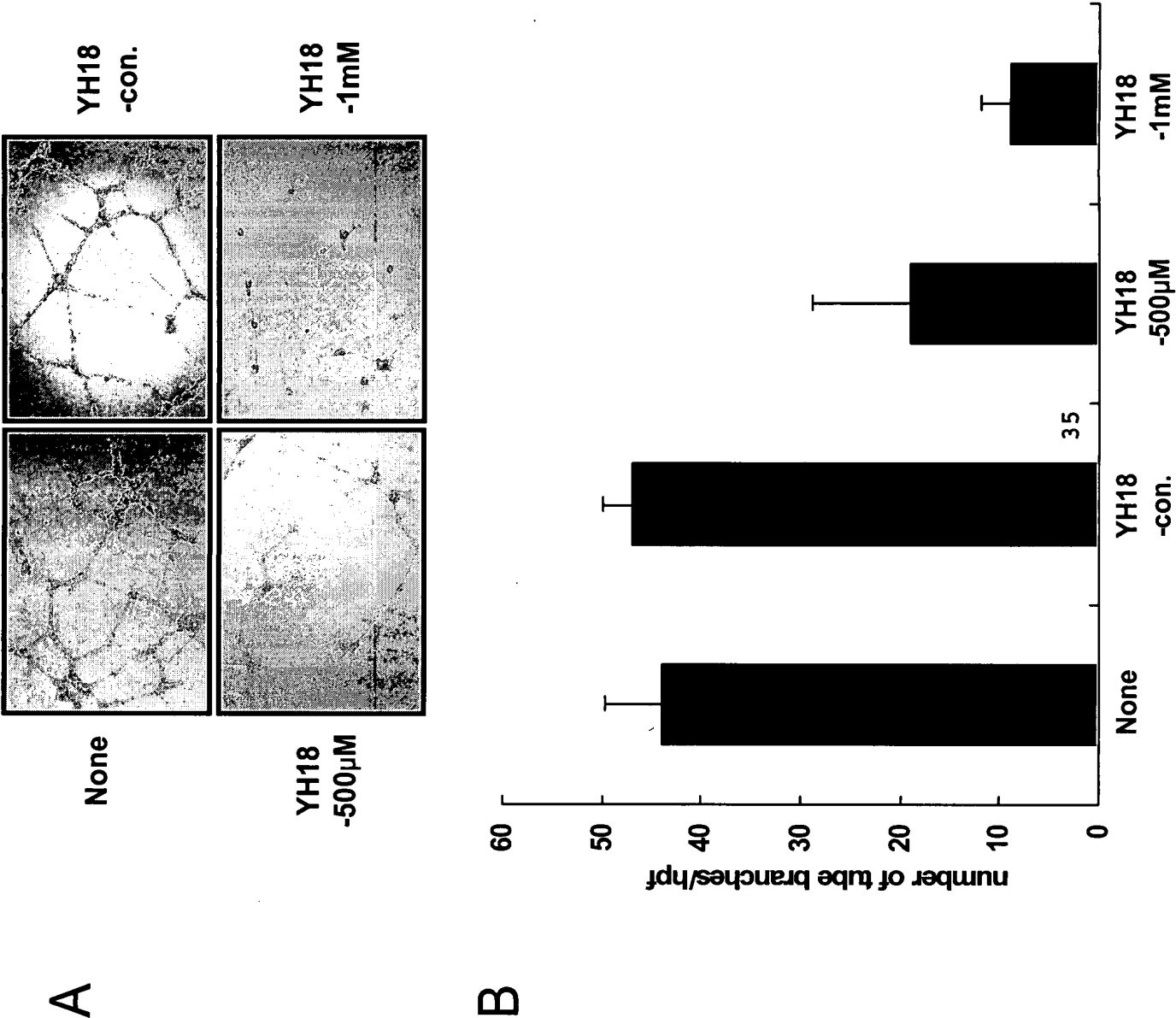


Fig8b

A

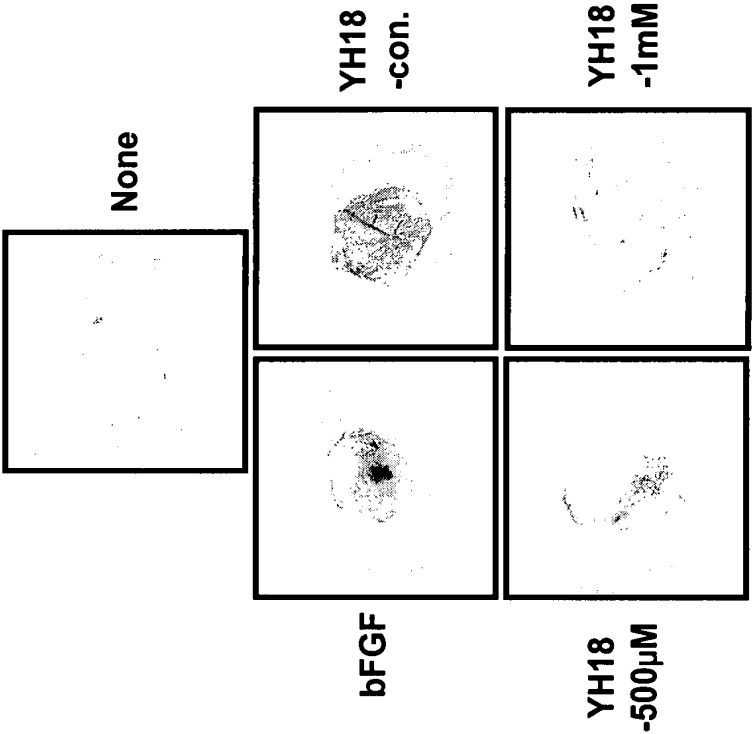


Fig8b

B

